

AFTERSCHOOL TRAINING TOOLKIT

Investigating Science Through Inquiry

Sample Lesson: Festival of Bubbles

Sample Class Data Chart

Team Name	Average Diameter of Bubbles (cm)		
	Dawn	Palmolive	Joy
Reeses Cups	25.0	23.0	22.0
Bubble Smarties	36.3	20.5	30.8
Bubblicious	28.3	28.5	27.3
Bubblyum	26.5	22.0	26.8
Snap Krackle Pop	26.1	24.5	32.6
Bubble Whoppers	28.0	15.9	28.3
Class Average	28.4	22.4	28.0
Largest Value	36.3	28.5	32.6
Smallest Value	25.0	15.9	22.0
Range	36.3-25.0=11.3	28.5-15.9=13.0	32.6-22=10.6

Tip: To find the class average diameter of bubbles, add the number of variables—in this case, the bubble measurements for each team for each liquid—then divide by the number of teams.

Which Detergent Makes the Biggest Bubble?

